

# Why are these Improvements Needed?

- *The primary purpose for the widening and reconstruction of SR 9/Main Street is to relieve traffic congestion and to provide safety and operational improvements along SR 9/Main Street from Upper Hembree Road to Windward Parkway, through downtown Alpharetta.*
- *The crash data used in this analysis included 1,090 crash reports from January 2005 to December 2007. According to crash data, the frequency and severity of the crashes in the study area appear to be substantially higher than the statewide rates. The combination of high traffic volumes and several intersections along SR 9/Main Street causes the crash rates to be higher than the statewide rates for similar roadway types.*
- *The proposed raised median would eliminate or restrict turning movements at certain intersections and are expected to reduce the high number of rear end and angle crashes.*

## Crash Data

| Year | Crashes |      |           | Injuries |      |           |
|------|---------|------|-----------|----------|------|-----------|
|      | Total   | Rate | Statewide | Total    | Rate | Statewide |
| 2005 | 368     | 970  | 727       | 120      | 357  | 179       |
| 2006 | 386     | 1017 | 787       | 87       | 174  | 189       |
| 2007 | 336     | 885  | 649       | 138      | 258  | 151       |

*Rates per 100 million vehicle miles*

*Frequency and severity of crashes are substantially higher than statewide rates*